

Name: William Roth
Project Name: KAUS AEROZ SID
Output File: KAUS AEROZ SID AMUSE SJT 20161220_0929
Procedure Name: AEROZ
Software: RNAV-Pro™
Version: 2.39
Date/Time: 12/20/2016 9:29:43 AM
Input File: [KAUS AEROZ SID AMUSE SJT 20161220_0920.txt](#)
Databases: AIRNAV Date: 12/9/2016
 CIPF Date: 8/18/2016
 DTED® (MAX) Date: 2002

Results Summary:

Flyability



DME/DME



No Critical DMEs Exist

Radars

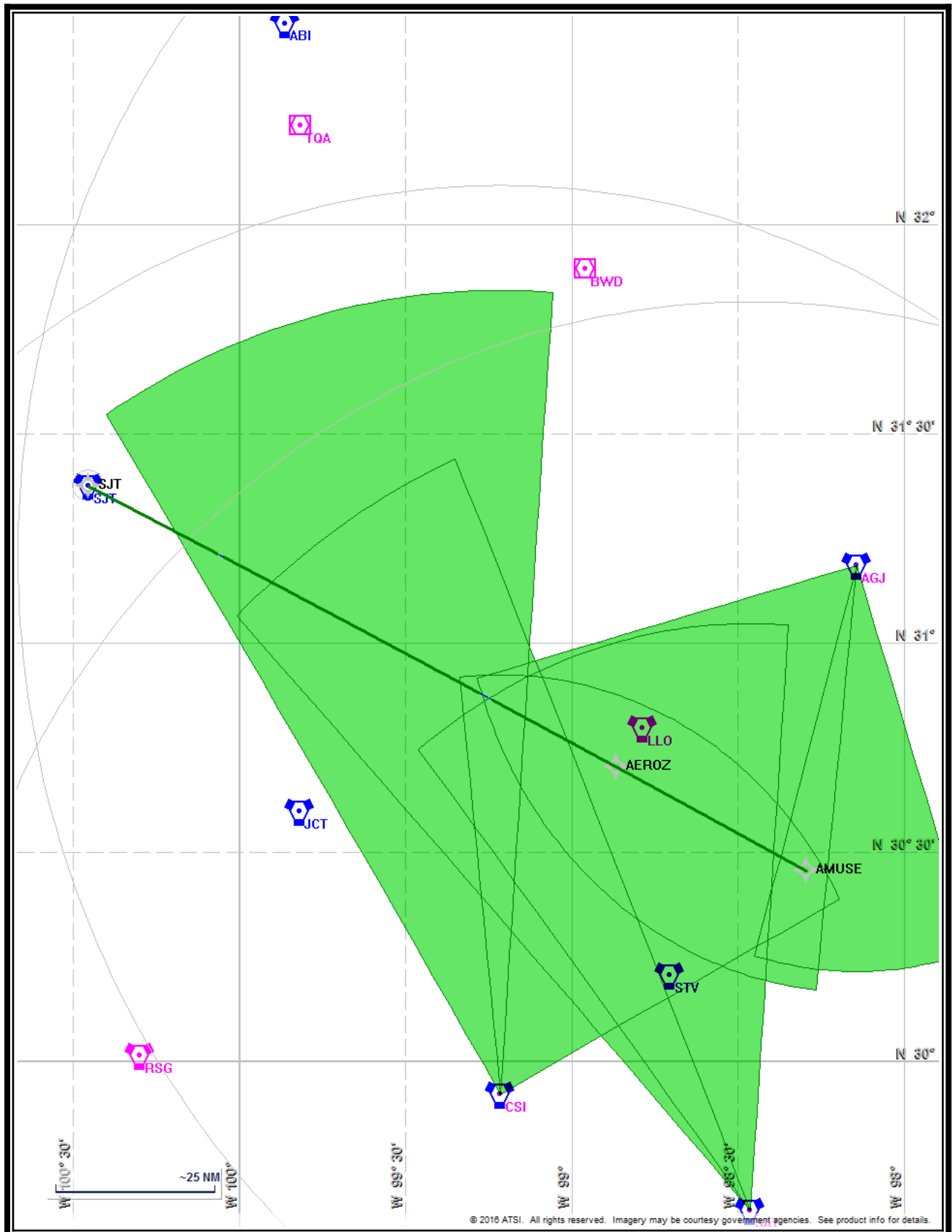


Comms



TERPS

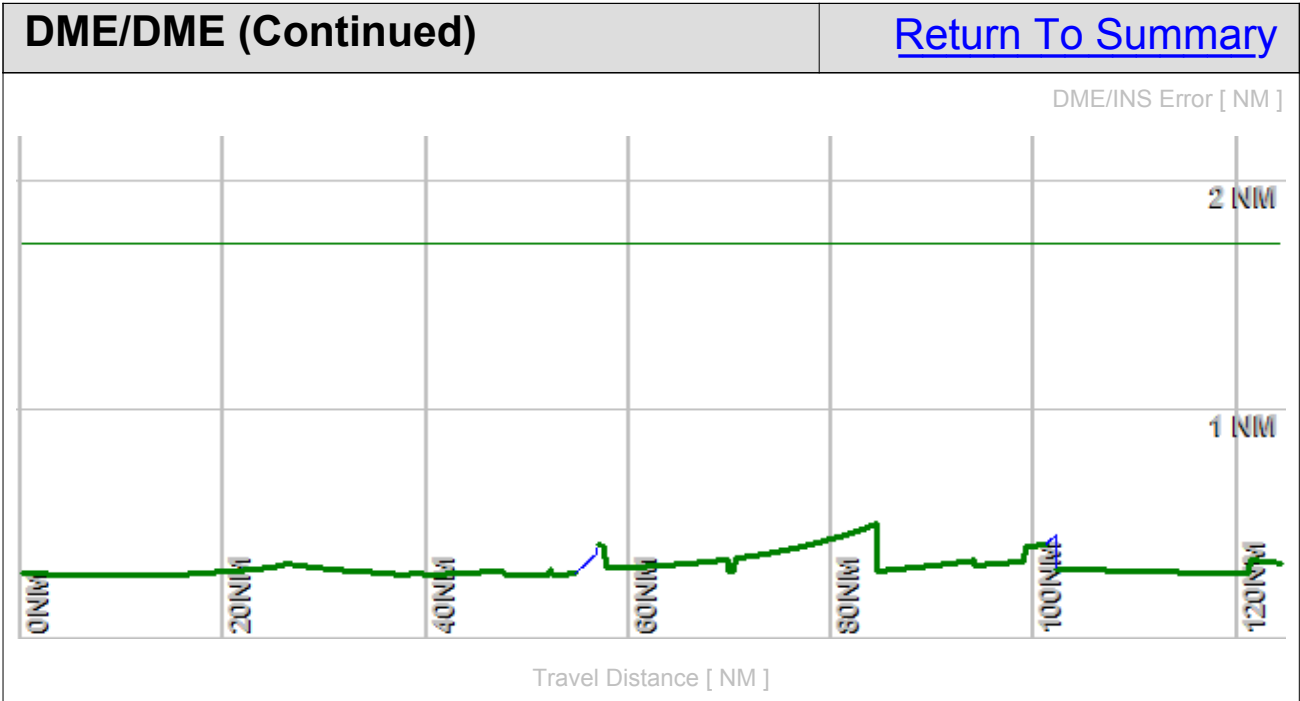




Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
AMUSE	WP	N 30° 27' 23.21" W 98° 17' 39.08"	5000.0	Step	180.0	Fly By	TF
AEROZ	WP	N 30° 42' 13.48" W 98° 51' 49.10"	11000.0	VNAV	210.0	Fly By	TF
SJT	WP	N 31° 22' 29.83" W 100° 27' 17.55"	18000.0	VNAV	240.0	Fly Over	TF

Flyability		Return To Summary
Settings:	Flight Type: Departure Transition Selected Airport: KAUS Aircraft Category: Cat D Climb Gradient: <i>None assigned</i> Ground Speeds: Table: 200.0 Kts up to 29000.0 ft 280.0 Kts up to 99900.0 ft Wind Settings: <i>None assigned</i> Descent During a Turn: Allowed VNAV Mode: Flight Plan	
	Entire track is fly-able	

DME/DME		Return To Summary
Settings:	RNP: 2.0	
	Flight Mode: Manual	
	Line of Sight (DTED Level 0 Max): Evaluated	
	DME Restrictions: Evaluated	
	Inertial Drift: Enabled	
	Initial Drift: 0.558 NM	
	INS Drift Rate: 8.000 NM/Hour	
	Range Mode: OSV	
	Co-Frequencies: Evaluated	
	RNP Edges: Evaluated	
	Min DME Range: 3.0 NM	
	Allowed Gap Length: 4.0 NM	
	DME Types: VOR/DME, VORTAC, Standalone, and User	
	DME Include Angles: 30 to 150	
	Critical DMEs: Allowed	
DoD Facilities: Not included		
Foreign Facilities: Not included		
Low DMEs: Included		
Terminal DMEs: Included		
Flight Check DMEs: Selected		
Higher Altitudes: Evaluated		
Near Maximum Altitude: Evaluated		
Total Number of DMEs Used: 8		
Maximum DME Error: 0.503 NM.		
No Critical DMEs were found.		
Available DMEs: AGJ, LLO, STV, CSI, SAT, JCT, SJT, ABI		



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	LLO	N 30° 47' 46.83" W 98° 47' 14.60" 08 E	L	Database	NO	0.919	Enabled	31.0%	31.0%
2	STV	N 30° 12' 24.33" W 98° 42' 20.72" 08 E	H	Database	NO	0.503	Enabled	9.1%	9.1%
3	CSI	N 29° 55' 20.48" W 99° 12' 52.15" 08 E	H + ESV	User	NO	0.503	Enabled	16.5%	16.5%
4	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H + ESV	User	NO	0.503	Enabled	24.7%	24.7%
5	SAT	N 29° 38' 38.51" W 98° 27' 40.73" 08 E	H + ESV	User	NO	0.634	Enabled	36.1%	36.1%
6	JCT	N 30° 35' 52.88" W 99° 49' 2.93" 08 E	H	Database	NO	0.885	Enabled	36.5%	36.5%
7	SJT	N 31° 22' 29.83" W 100° 27' 17.55" 10 E	H	Database	NO	0.759	Enabled	23.1%	23.1%
8	ABI	N 32° 28' 52.78" W 99° 51' 48.45" 10 E	H	Database	NO	1.340	Enabled	17.9%	17.9%
	Total Coverage							97.4%	97.4%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		LLO	STV	AGJ	CSI	SAT			
33.0		LLO	STV	AGJ	CSI	SAT	JCT		
52.2		LLO	JCT	CSI	SAT				
70.5		SJT	JCT	CSI	SAT				
91.1		SJT	JCT	AGJ	CSI	ABI	STV		
Inertial Drift Segments									
#	Start Location			End Location			Length [NM]		
1	N 30° 51' 53.28" W 99° 14' 20.86"			N 30° 52' 52.51" W 99° 16' 39.75"			2.2		
VOR: JCT				Available from N 30° 51' 53.28" W 99° 14' 20.86" to N 30° 52' 52.51" W 99° 16' 39.75"					
VOR: LLO				Available from N 30° 51' 53.28" W 99° 14' 20.86" to N 30° 52' 52.51" W 99° 16' 39.75"					

DME/DME (Continued)			Return To Summary
<i>Inertial Drift Segments (Continued)</i>			
#	Start Location	End Location	Length [NM]
2	N 31° 12' 25.19" W 100° 3' 0.39"	N 31° 12' 48.53" W 100° 3' 56.33"	0.9
VOR: JCT		Available from N 31° 12' 25.19" W 100° 3' 0.39" to N 31° 12' 48.53" W 100° 3' 56.33"	
VOR: SJT		Available from N 31° 12' 25.19" W 100° 3' 0.39" to N 31° 12' 48.53" W 100° 3' 56.33"	

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
AMUSE	AEROZ	SAT, AGJ, CSI, LLO, and STV
AEROZ	SJT	SAT, AGJ, CSI, ABI, JCT, LLO, SJT, and STV

User Data					Return To Summary		
User Data Files							
#	File Name						
1	AMUZE_20161108.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CSI	N 29° 55' 20.48" W 99° 12' 52.15" 08 E	H	2079.3	117.50	CSI	Used
		ESV:	Bearing [True]: 328.0° to 4.0° Bearing [Mag]: 320.0° to 356.0°		Arc Distance: Out to 115.0 NM Altitude: 13000.0 to 18000.0 ft		
		ESV:	Bearing [True]: 354.0° to 62.0° Bearing [Mag]: 346.0° to 54.0°		Arc Distance: Out to 60.0 NM Altitude: 5700.0 to 18000.0 ft		
2	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H	1190.8	112.50	AGJ	Used
		ESV:	Bearing [True]: 162.0° to 196.0° Bearing [Mag]: 157.0° to 191.0°		Arc Distance: Out to 58.0 NM Altitude: 3700.0 to 16000.0 ft		
		ESV:	Bearing [True]: 186.0° to 255.0° Bearing [Mag]: 181.0° to 250.0°		Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 16000.0 ft		
3	SAT	N 29° 38' 38.51" W 98° 27' 40.73" 08 E	H	1160.0	116.80	SAT	Used
		ESV:	Bearing [True]: 317.0° to 337.0° Bearing [Mag]: 309.0° to 329.0°		Arc Distance: Out to 117.0 NM Altitude: 12900.0 to 18000.0 ft		
		ESV:	Bearing [True]: 322.0° to 4.0° Bearing [Mag]: 314.0° to 356.0°		Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 16000.0 ft		